

Catalytic system for combusting exhaust gases and process for the fabrication of same.

Publication number: EP0511919
Publication date: 1992-11-04
Inventor: DUBOTS DOMINIQUE (FR)
Applicant: PECHINEY ELECTROMETALLURGIE (FR)
Classification:
- international: B01D53/94; B01J27/22; B01J37/02; B01J37/08;
B01D53/94; B01J27/20; B01J37/00; (IPC1-7):
B01D53/36; B01J27/22
- european: B01D53/94K2C; B01J27/22; B01J37/02C4; B01J37/08B
Application number: EP19920420139 19920427
Priority number(s): FR19910005771 19910429

Also published as:

US5196389 (A1)
JP5138043 (A)
FR2675713 (A1)
FI921902 (A)
EP0511919 (B1)

Cited documents:

US4325842
EP0396475

Report a data error here

Abstract of EP0511919

Catalyst system and process for its manufacture. <??>The catalyst system consists of a support on which the catalytically active product is deposited. The support has mechanical or physical properties which are advantageous for the operating conditions required, but a mediocre specific surface. The catalytically active product, a metal carbide, is obtained by coating the support in a suspension of a reducible compound of the metal in a solution of an organic compound, carbonisation of this compound, reduction of the metal compound and carbiding of the metal. The carbide thus obtained has a high specific surface, the support preferably consists of silicon carbide prepared by carbonisation of a paste containing silicon, carbon and an organic resin. <??>The invention applies to any form of catalyst, but in particular to the monolithic catalysts intended for the treatment of exhaust gases.

Data supplied from the esp@cenet database - Worldwide

BEST AVAILABLE COPY